

NEBRASKA WEATHER & CROPS

Week Ending August 2, 1987

Issue: 21-87

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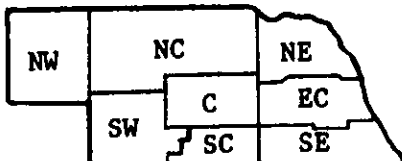
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WEATHER

Hot, humid weather with little or no precipitation continued across the State. Average temperatures ranged from 7 to 10 degrees above normal. High temperatures during the week ranged from 97 to 106 degrees.

GENERAL

Crop progress was slowed and crop conditions continued to deteriorate from the hot, dry weather of the past week. Most dryland and some irrigated crops showed signs of drought stress from high temperatures and short soil moisture supplies. Harvest of winter wheat was virtually completed last week with producers now concentrating on irrigating row crops, tilling wheat and oats stubble, harvesting other small grains, scouting for insects, and increased livestock care. The number of days suitable for fieldwork was 6.8.

Topsoil moisture rated 89% short and 11% adequate while subsoil moisture rated 66% short and 34% adequate. A year ago, topsoil moisture rated 66% short and 34% adequate while subsoil moisture supplies rated 36% short and 64% adequate.

CROPS

All corn crop condition rated 28% fair, 65% good and 7% excellent. Corn silking advanced to 94% compared to 93% last year and 74% average. Corn entering the dough stage reached 35% compared to 23% last year and 10% average. Drought

CROPS (Cont.)

stress, especially in dryland fields, continued along with the hot, dry weather. Insects continued to be a concern with active spider mite and army worm populations reported.

Soybean condition rated 8% poor, 36% fair, 50% good and 6% excellent. Soybean development and pod fill were slowed by the week's weather. Soybeans blooming stood at 92% compared to 93% last year and 80% average. Fifty percent of the crop was setting pods compared to 59% last year and 35% average. Soybean fields continued to be walked or sprayed for weeds.

Sorghum condition rated 24% fair, 68% good and 8% excellent. Sorghum heading stood at 70% compared to 64% last year and 31% average. Green bug infestations continued to be of concern to producers.

The second cutting of alfalfa reached 99% complete compared to 92% last year and 88% average. Third cutting of alfalfa stood at 15% complete compared to 8% last year and 4% average. Hay development and regrowth were slowed by the week's unfavorable weather. Alfalfa condition rated 10% poor, 44% fair and 46% good. Oats harvest advanced to 98% complete compared to 96% last year and 86% average.

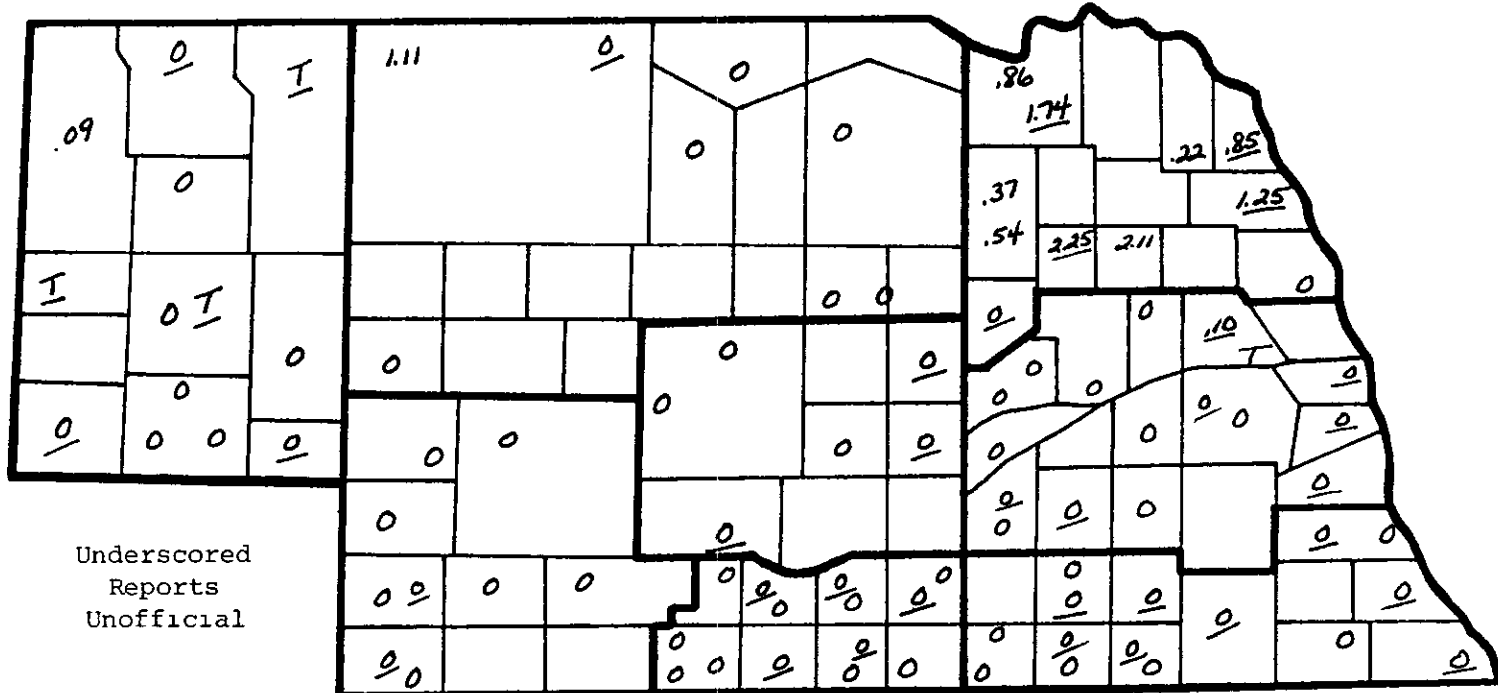
LIVESTOCK

Pasture and range feed supplies rated 26% short, 72% adequate and 2% surplus. Livestock care increased last week as livestock in feedlots as well as in pastures showed symptoms of stress from the heat and high humidity.

Precipitation, April 1 - July 31, 1987

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week01	.16	.68	.00	.00	.00	.00	.00
Total since April 1	9.08	10.11	8.87	11.19	10.20	12.44	13.40	15.09
Normal since April 1	10.80	12.15	14.15	13.38	15.07	11.44	13.68	15.90

PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JULY 31, 1987



TEMPERATURE AND PRECIPITATION DATA FOR WEEK ENDING SUNDAY, AUGUST 2, 1987

Station		Temperature			Precipitation
		Extremes		Mean	Total Inches <u>1/</u>
		Max	Min		
NW	Chadron	104	60	85	0
	Scottsbluff	101	60	82	.21
	Sidney	101	59	80	0
NC	Ord	100	57	82	0
	Valentine	106	65	85	.15
NE	Norfolk	100	68	84	0
	Sioux City	97	71	83	0
CEN	Grand Island	104	67	85	0
EC	Lincoln	105	70	86	0
	Omaha	99	74	86	0
SW	Imperial	102	65	83	0
	North Platte	103	63	82	T

1/ Precipitation totals not included in map above.

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